

FIG. 2 is a block diagram of a computer system 62C. The system includes a monitor 62b, a keyboard 62a, a mouse 62c, and a computer unit 62d. The computer unit 62d contains a CPU 80, a keyboard/mouse interface 82, a serial mouse port 83, a monitor sense 96, an on-screen program 94, a sync extract 90, a video amp 92, a quad UART 84, and an audio amp 86. The monitor 62b is connected to the CPU 80 via a video signal line 95. The keyboard 62a and mouse 62c are connected to the keyboard/mouse interface 82, which is connected to the CPU 80. The serial mouse port 83 is also connected to the CPU 80. The monitor sense 96 is connected to the CPU 80 and the monitor 62b. The on-screen program 94 is connected to the CPU 80 and the monitor 62b. The sync extract 90 is connected to the CPU 80 and the monitor 62b. The video amp 92 is connected to the CPU 80 and the monitor 62b. The quad UART 84 is connected to the CPU 80 and the monitor 62b. The audio amp 86 is connected to the CPU 80 and the monitor 62b.

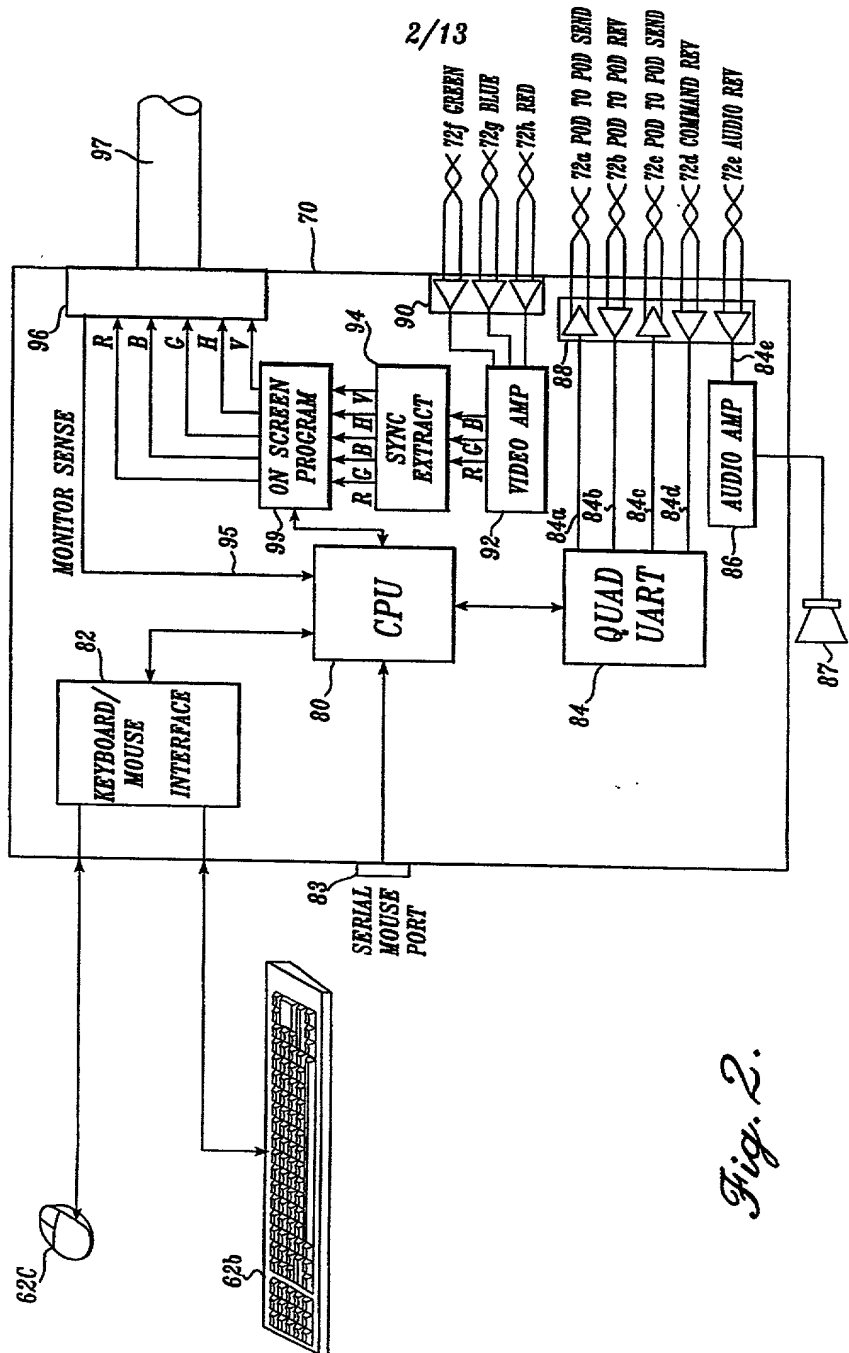


Fig. 2.

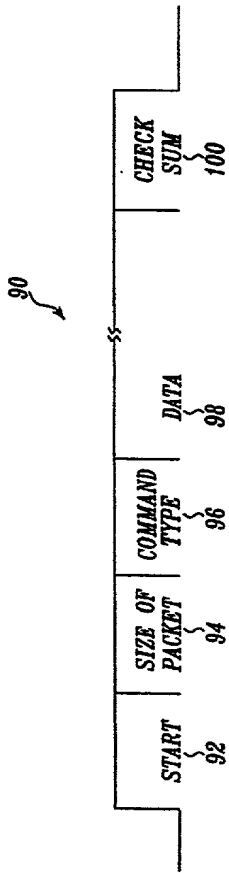


Fig. 2A.

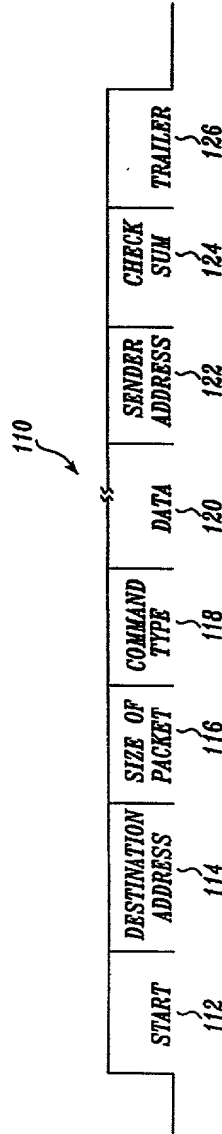


Fig. 2B.

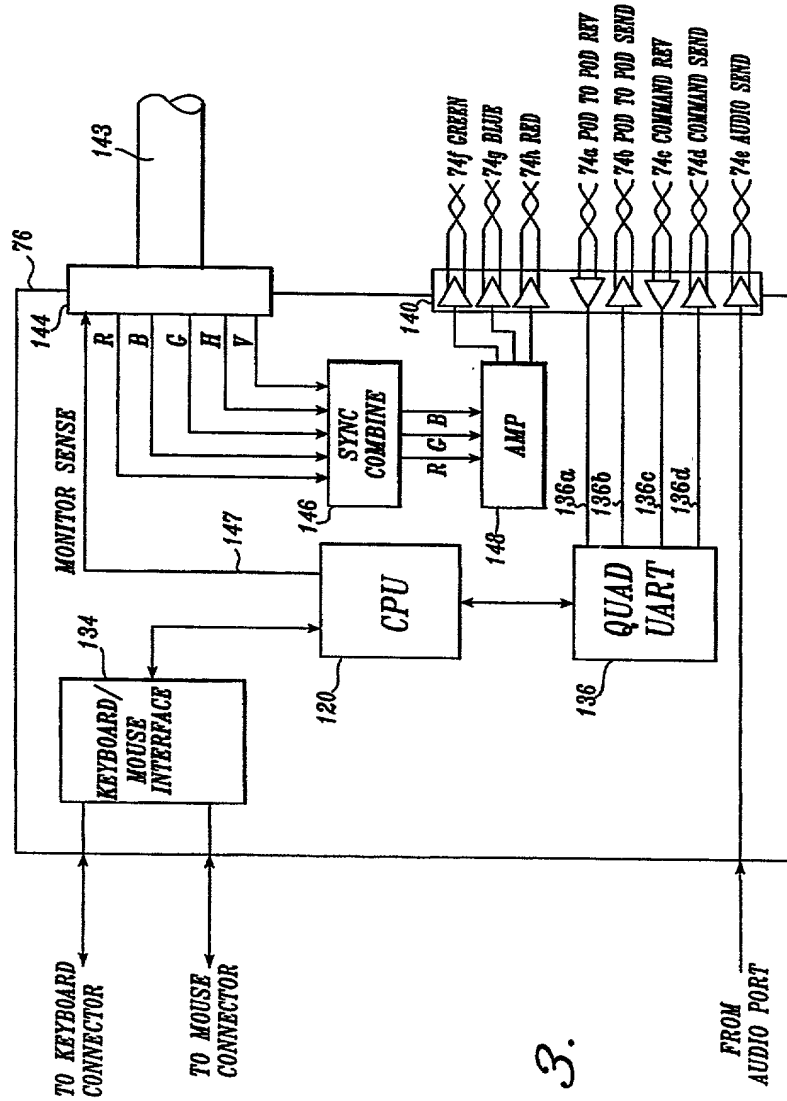


Fig. 3.

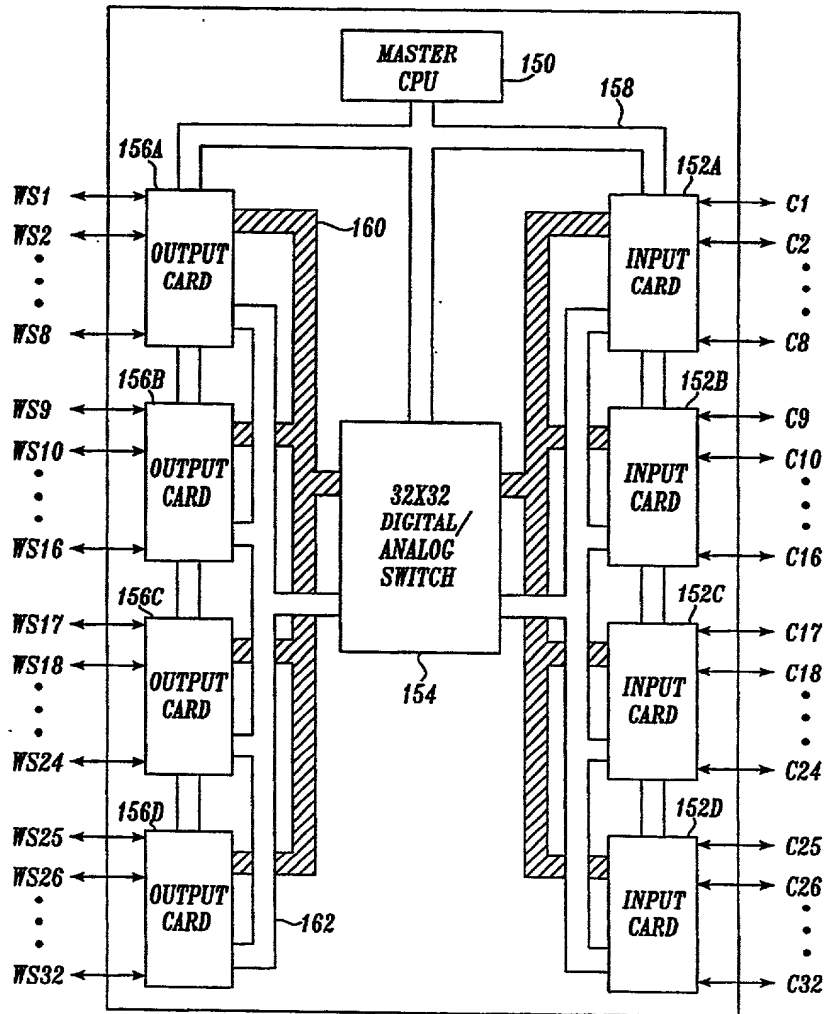
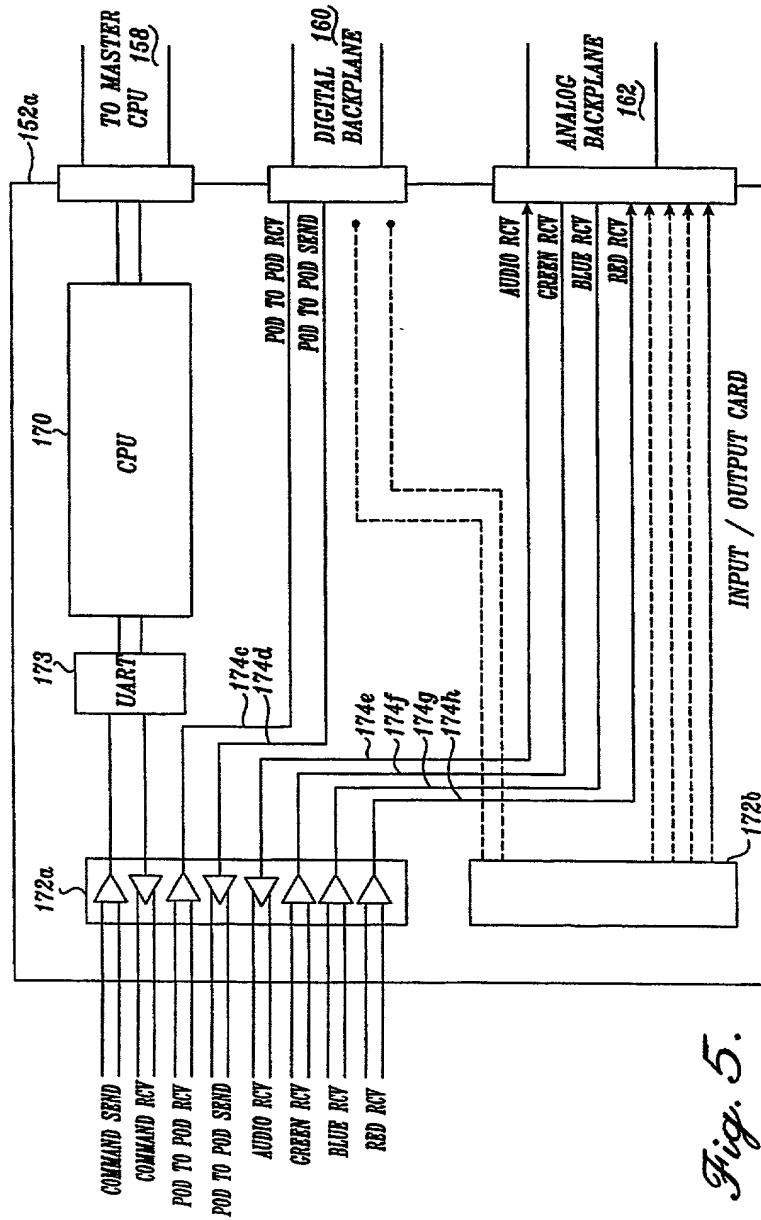
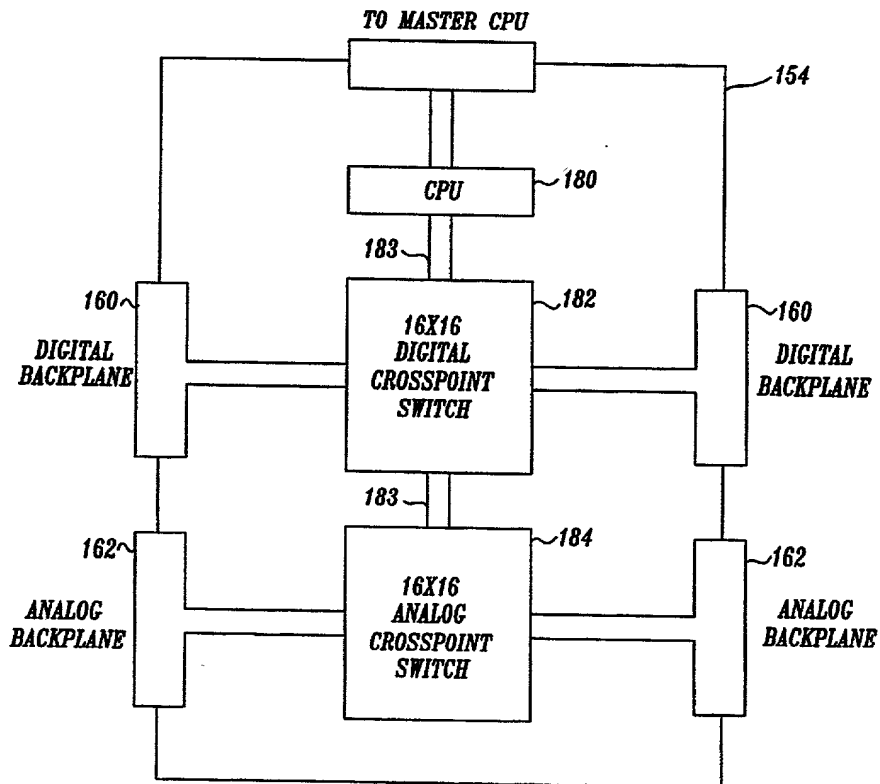


Fig. 4.



*Fig. 6.*

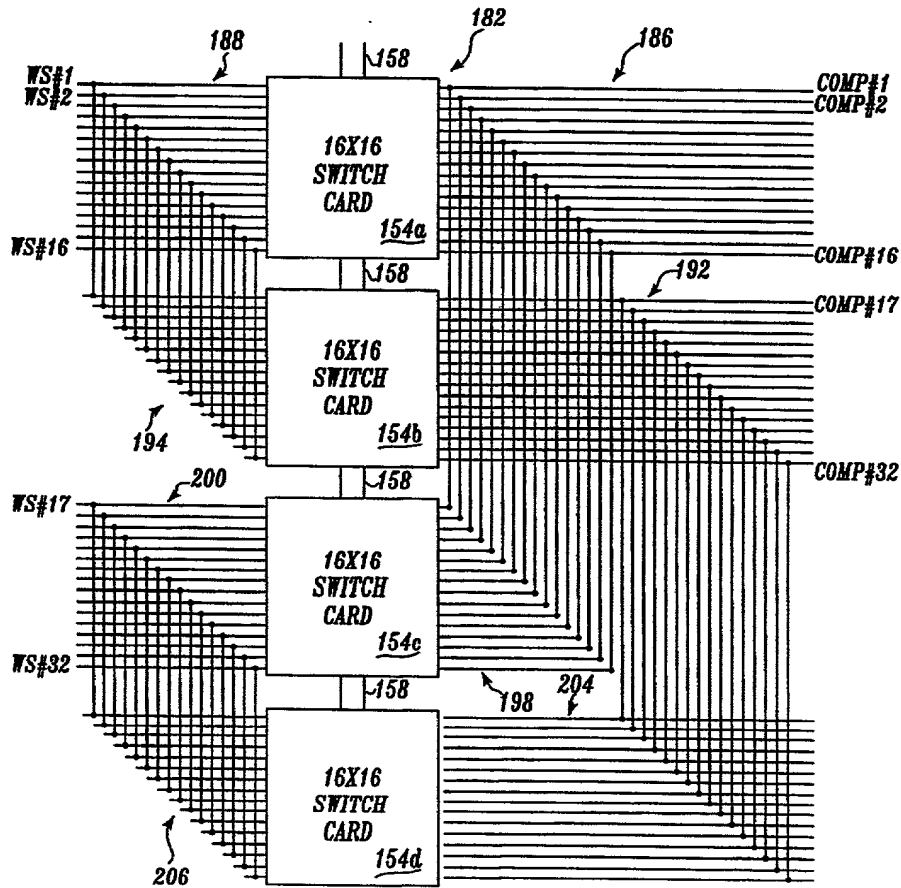
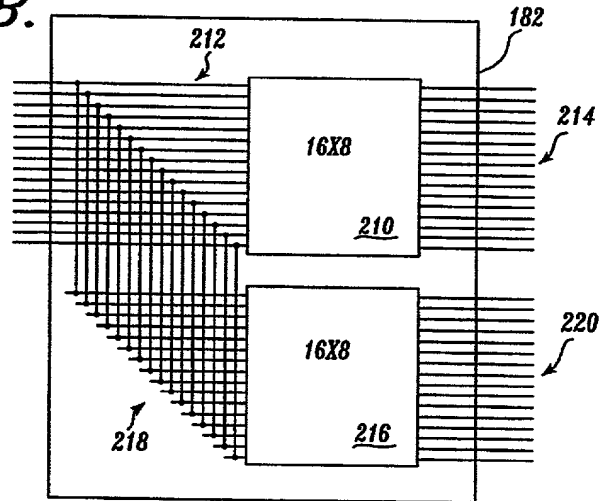
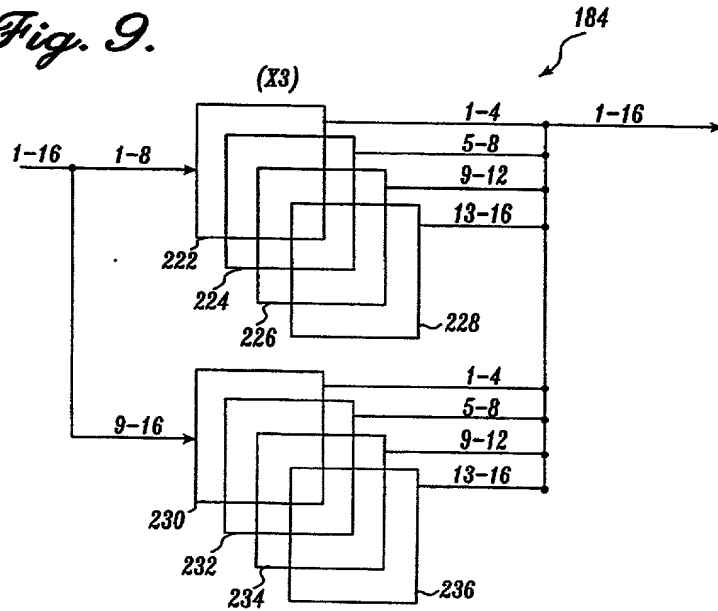


Fig. 7.

Fig. 8.*Fig. 9.*

THE VIDEO BUS USES 8 8X4 SWITCHES PER COLOR.
TOTAL VIDEO SWITCHES EQUALS 24.

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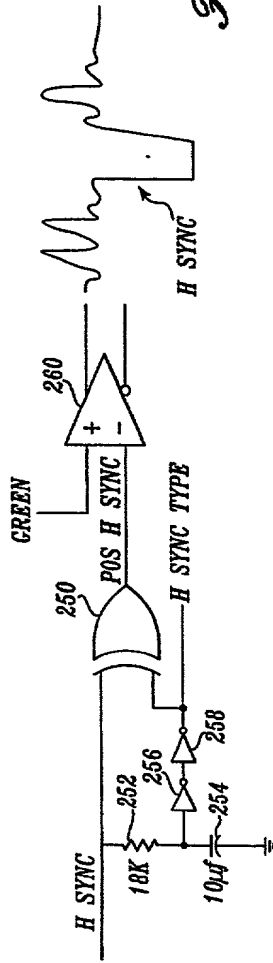
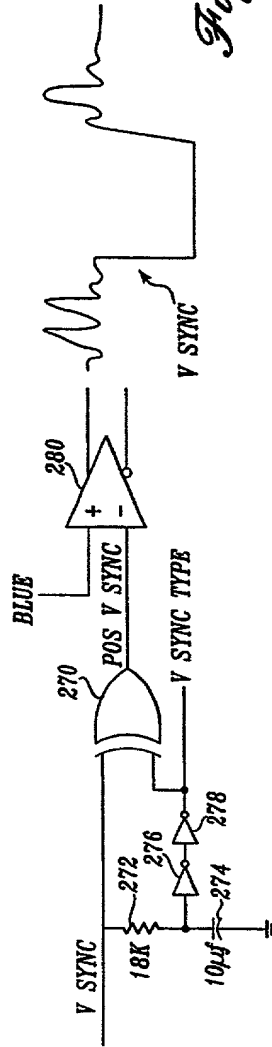


Fig. 10A.



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Fig. 10B.

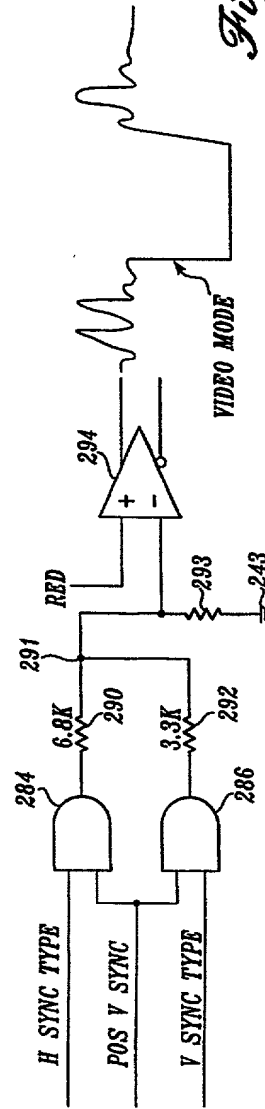


Fig. 10C.

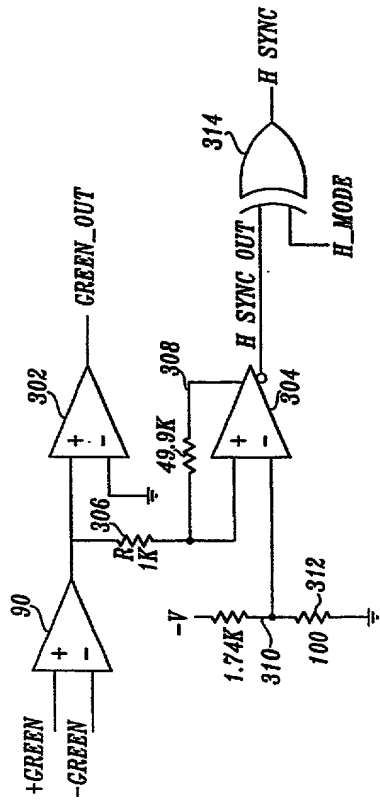


Fig. 11A.

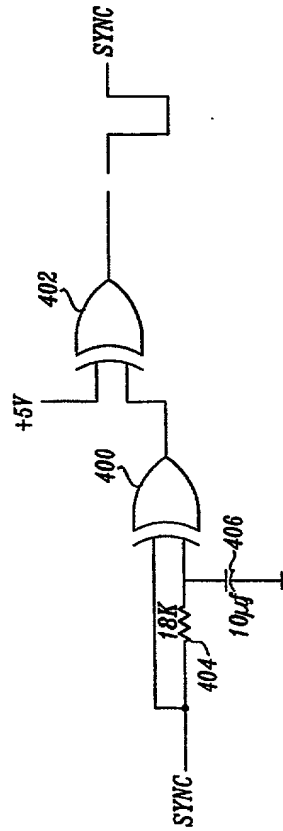


Fig. 12B.

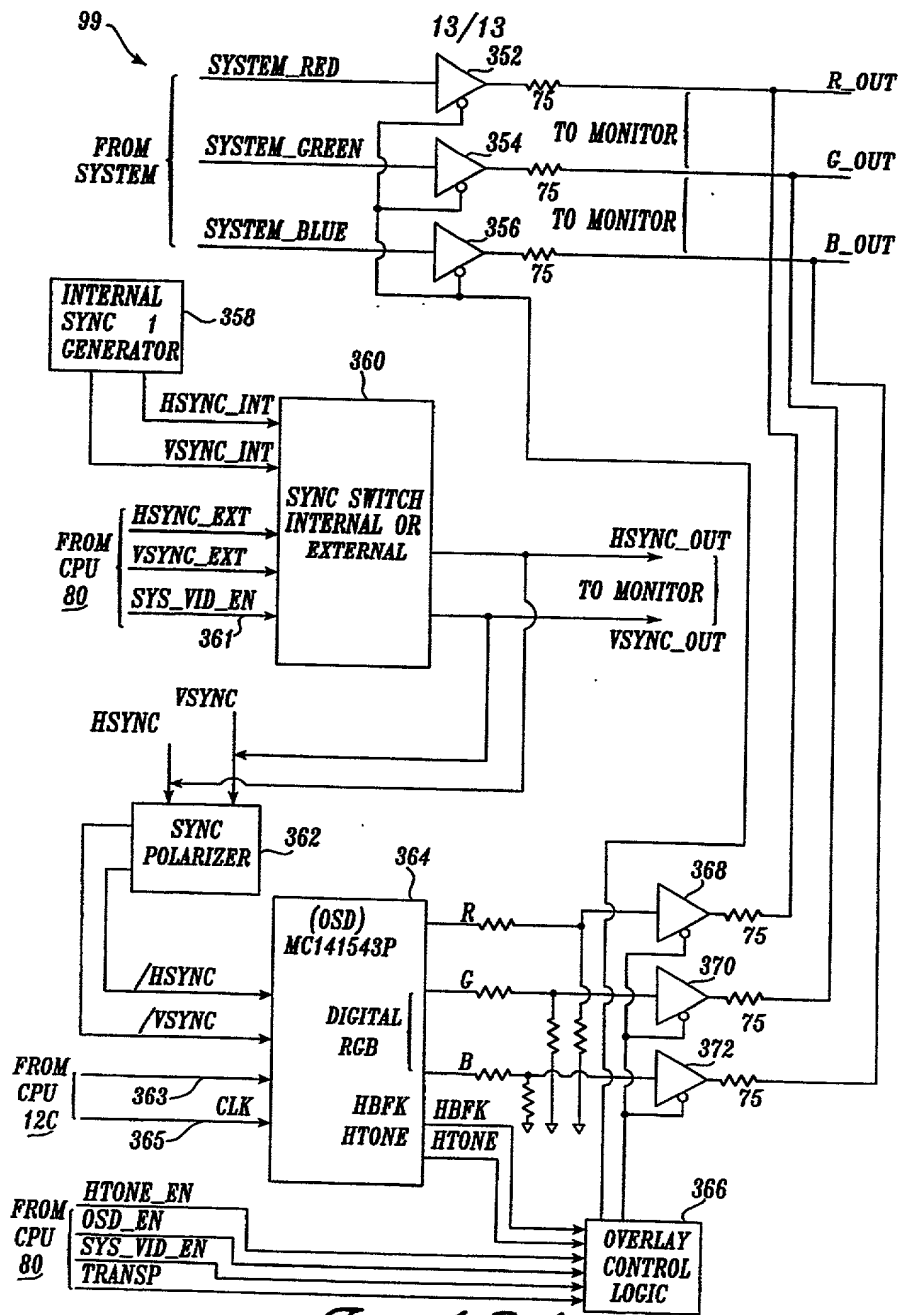


Fig. 12A.